MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

May 1950

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

MAY 1950

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20.30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.4	58.0	57.9	57.8	24.5	15.6	22.7	19.9	18.0	20.2
2	56.8	56.4	55.9	56.4	25.2	18.8	21.8	24.4	20.3	22.2
3	54.4	53 6	53.9	54.0	27.7	20.6	21.1	27.2	23.8	24.0
4	56.2	56.1	58.1	56.8	27.7	19.0	24.6	26.7	21.1	24.1
5	59.3	58 9	59.0	59.1	23.6	15.2	21.7	22.3	18 9	21.0
6	59.1	58.6	57.8	58.5	22.9	15.5	18.2	21.1	16.3	18.5
7	57.6	55.8	56.4	56.6	23.9	17.8	20.5	21.6	18.9	19.4
8	57.3	57.3	58.2	57.6	23.8	16.6	21.8	23.3	18.7	21.3
9	57.6	57.5	57.6	57.6	24.7	16.3	21.6	23.8	18.3	21.2
10	56.1	55.2	54.6	55.3	25.1	16.0	21.6	22.2	20.7	21.5
11	54.2	54.8	55.2	54.7	24.0	15.5	21.6	23.0	18.3	21.0
12	55.4	55.4	55.8	55.5	21.5	15.6	20.3	19.4	17.2	19.0
13	55.6	55.8	56.7	56.0	24.6	17.4	19.9	22.5	18.3	20.2
14	56.6	58.1	58.9	57.9	23.1	15.0	20.5	19.3	17.1	22.3
15	59.6	59.7	59.3	59.5	23.9	16.0	21.1	22.5	18.4	20.7
16	59.1	59.2	59.7	59.3	24.8	17.4	22.7	24.4	19.2	22.1
17	59.3	58.5	57.8	58.5	25.8	18.8	21.1	25.1	19.8	22.0
18	59.1	57.1	57.1	57.8	28.7	20.0	22.7	26.7	26.8	25.4
19	59.9	60.5	60.9	60.4	25.8	17.8	23.8	23.8	19.4	22.3
20	61.0	59.3	60.3	60.2	25.9	18.3	21.1	24.9	19.6	21.9
21	60.4	59.9	59.9	60.1	25.3	17.3	22.7	22.9	19.9	21.8
22	60.0	59.8	60.1	60.0	26.2	18.4	23.7	25.9	20.1	23.2
23	59.6	59.2	60 0	59.6	26.1	17.7	20.5	24.6	20.2	21.8
24	60.6	60.2	61.6	60.8	26.8	18.1	22.4	24.4	20.2	22.3
25	62.4	62.6	62.4	62.5	26.5	19.8	23.8	26.1	20.9	23.6
26	62.3	61.3	60.2	61.3	28.2	20.4	24.6	26.5	22.2	24.4
27	59.7	58.8	57.9	58.8	31.9	21.2	25.9	30.4	26.5	27.6
28	60.5	60.4	61.1	60.7	28.9	21.0	24.5	27.3	22.4	24.7
29	60.8	60.1	59.6	60.2	28.7	20.5	24.4	28.3	22.4	25.3
30	58.9	57.7	57.6	58.1	28.2	20.5	24.8	27.1	22.3	24.7
31	56.5	56.2	56.7	56 5	28.2	18.9	24.7	27.2	21.8	24.6
	58.49	58.13	58.33	58.32	25.88	17.97	22.34	24.62	20.26	22.40

Barometer, range for month 762.6 mm. — 753.6 mm.

,, 71-yr. average for month 759.50 mm.

Thermometer, range for month 31.9°C —15.0°C

,, 71-yr. average for month 22.48°C.

Rain total for month 70.61 mm.

,, 71-yrs. average for month 18.15 mm.

,, Tolal, Sept. 1st. to end of month 779.78 mm.

,, 71-yr. average, Sept. 1st. to end of month 838.15 mm

MAY 1950

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	19.7	17.4	17.0	18.0	71	75	82	76	2.1	161.0	17.53
2	21.0	20.5	19.3	20.3	76	66	79	74	8.8	520.0	
3	21.1	20.8	16.0	19.3	84	58	53	65	6.1	323.0	
4	20.7	20.6	20.7	20.7	67	59	83	70	3.6	140.0	
5	20.2	16.8	16.1	17.7	77	64	74	72	4.0	426.0	
6	18.0	16.5	16.7	17.1	86	66	91	81	6.3	436.0	20.06
7	15.9	17.2	17.8	17.0	66	66	81	71	8.7	217.0	
8	18.2	18.3	17.2	17.9	70	64	80	71	9.0	222.0	
9	16.1	17.2	16.5	16.6	62	58	79	66	8.2	348.0	
10	17.9	19.2	19.3	18.8	69	71	79	73	4.3	288.0	
11	18.1	16.9	17.6	17.5	70	63	83	72	4.0	407.0	2.79
12	16.7	15.6	16.3	16.2	69	68	83	73	2.1	335.0	18.80
13	16.5	17.4	15.5	16.5	72	64	73	70	4.7	282.0	
14	15.1	18.5	16.3	16.6	62	82	84	76	5.0	647.0	9.91
15	16.5	16.8	16.0	16.4	66	63	78	69	11.0	475.0	
16	18.1	19.2	17.9	18.4	65	64	79	69	11.8	270.0	
17	18.8	20.7	19.7	19.7	74	65	86	75	12.0	462.0	
18	20.9	23.3	13.2	19.1	74	67	39	60	3.0	311.0	
19	21.4	21.5	20.2	21.3	74	73	90	79	4.6	230.0	1.27
20	20.0	20.0	19.0	19.7	80	63	83	75	5.8	245.0	
21	18.7	18.1	17.4	18.1	67	65	76	69	7.2	299.0	
22	17.8	19.1	18.0	18.3	60	56	77	64	11.2	238.0	
23	18.8	18.0	18.0	18.3	78	60	77	72	8.3	591.0	0.25
24	18.6	19.8	19.2	19.2	69	65	81	72	11.8	562.0	
25	20.4	21.1	20.7	20.7	69	62	83	71	12.4	320.0	
26	23.2	24.6	24.2	24.0	75	70	91	79	4.3	335.0	
27	25.0	27.2	22.6	24.9	75	62	65	67	13.9	745.0	
28	23.9	25.6	22.2	23.9	78	72	84	78	12.6	484.0	
29	23.7	24.7	24.8	24.4	78	64	92	78	12.0	383.0	
30	23.7	24.2	24.2	24.0	75	66	90	77	12.8	359.0	
31	22.0	22.1	19.6	21.2	71	61	76	69	13.0	541.0	
	19.57	19.97	18.68	19.41	71.9	65.2	79.1	72.0	7.89	374.26	2.28

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m ; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

MAY 1950

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	3cu	10cu-ni	3cu	5.3	3w	1w	0	light	Thunder at noon
2	3cu-st	3cu-ci	3ci	3.0	2sw	2nw	2ne	,,	
3	10st	5ci-st	3ci-st	6.0	2ne	1ne	1ne	,,	
4	10st	5ci-st	8st	7.7	2sw	1nw	1sw	,,	Tr. a.m.
5	7ci-st	8cu-st	0	5.0	3sw	3w	1w	slight	
6	9cu-ni	6cu-ci	7cu-ni	7.3	3se	2w	2w	,,	
7	6ci-st	1cu-ci	1ci	2.7	2sw	2ne	2nw	,,	
8	2ci	3ci	0	1.7	2w	2nw	0	light	Tr. a.m.
9	5cu	3cu-ci	5cu-st	4.3	3sw	3w	1sw	,,	
10	9ci-st	10cu-st	10cu-ni	9.7	2ne	2ne	2ne	,,	
11	7cu-st	7cu	7cu-ni	7.0	3sw	3sw	3sw	slight	
12	9cu-ni	10ni	3cu	7.3	4sw	2sw	1nw	,,	
13	7ci-cu	3cu-ci	3cu	4.3	2nw	2w	2n	light	Tr. a.m.
14	8cu-ni	4cu	5cu	5.7	5sw	3sw	1w	slight	W. a.m.
15	1cu	1cu	0	0.7	3sw	2ne	2ne	,,	Tr. a.m.
16	0	0	0	0.0	2ne	2ne	1ne	light	Good Visibility, all day
17	3ci-cu	2ci	0	1.7	2ne	2ne	1ne	slight	
18	9st-cu	10cu-st	10st	9.7	2ne	1w	1sw	light	Hot breeze, at night
19	3ci-st	9st-cu	0	4.0	2sw	2nw	1nw	,,	H. a.m.
20	7ci-st	5ci	5ci-st	5.7	1nw	2nw	1n	,,	
21	0	8st-cu	3ci-st	3.7	2w	2nw	1nw	,,	
22	0	2cu-ci	2cu	1.7	1w	2w	2sw	,,	
23	8cu-ni	3cu	4cu	5.0	3sw	4sw	1sw	,,	
24	3cu	0	0	1.0	4sw	2sw	1sw	,,	
25	0	0	0	0.0	1ne	2ne	1ne	,,	
26	7ci-st	4ci	3ci	4.7	2ne	3ne	1ne	slight	W. at night
27	5ci	0	7st-ci	4.0	2n	2ne	5s	,,	H.
28	1st	0	0	0.3	3sw	3sw	0	,,	H. a.m.
29	4st	0	3st	0.3	3sw	2sw	2sw	light	
30	0	0	0	0.0	3sw	3sw	2sw	slight	
31	0	0	3st-cu	1.0	4sw	4sw	2sw	,,	Tr. p.m.
				3.95					

Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	7	0	1	0	15	4	3	0	31
14:30	0	9	0	0	0	9	7	6	0	31
20:30	2	8	0	0	1	10	3	4	3	31
Total	3	24	0	1	1	34	14	13	3	93

Number of days with rain 7, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 3.08